

ABSTRACT

A low-vibration/noise brushless motor capable of limiting the height of coil ends, and a low-current-leak hermetic compressor includes the brushless motor. This brushless motor is of a three-phase full-pitch-winding type including a stator having coils (20) inserted in slots in a one coil per one slot manner. Coil ends (21) of the coils (20) are arranged such that the first coil (201) is arranged outside the second and third coils (202, 203) in a place (A) where the second and third coils (202, 203) are inserted in a pair of slots adjacent to each other, the second coil (202) is arranged from inside of the first coil (201) to outside of the third coil (203) in a place (B) where the first and third coils are inserted in another pair of slots adjacent, and the third coil (203) is arranged inside the first and second coils (201, 202) in a place (C) where the first and second coils (201, 202) are inserted in still another pair of adjacent slots. The coil ends (21) are shaped in the axial direction.